

INTELLECTUAL PROPERTY EVALUATION FLOWCHART
FIG. A

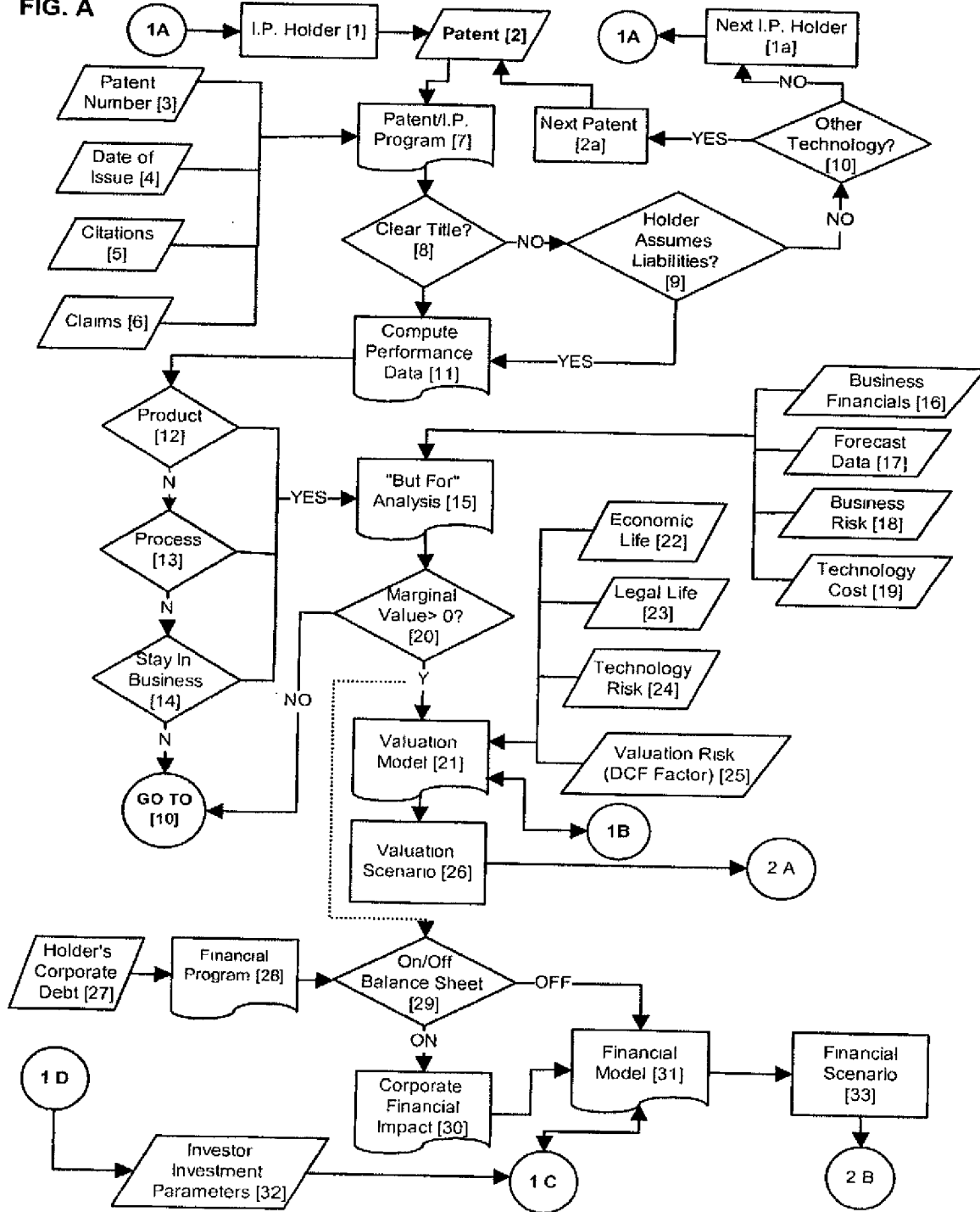


FIG B

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graph TD
    Start(( )) --> SetVal[Set Valuation Boundaries? [34]]
    SetVal -- YES --> SetBoundN[Set Boundaries Ni, Nf [35]]
    SetVal -- NO --> DIMN([DIM Valuation Model (N) [36]])
    SetBoundN --> DIMN
    DIMN --> ForNextN[For/Next DIM (N) [37]]
    ForNextN --> DoMinMaxN[Do Min/Max Valuation [38]]
    DoMinMaxN --> ValDataN[/Valuation Data Array (Ni) [39]/]
    ValDataN <--> ValDB[(Valuation Database [40])]
    ValDataN --> ValOpt[Valuation (N) X Financial (M) Optimization [41]]
    ValOpt --> ForNextM[For (Ni) Constant Next M [52]]
    ForNextM --> IfN[If N >= Nf Go To [51]]
    IfN --> ForNextN
    IfN -- NO --> IfM[If M >= Mf Then Next M=Mf [52']]
    IfM -- YES --> GoTo43[Go To [43]]
    IfM -- NO --> ForNextM
    GoTo43 --> ForNextM
    ForNextM --> ValOpt
    ValOpt --> ForNextN
    ForNextN --> PlotNM[Plot Nmax vs. M [42]]
    PlotNM --> PlotMN[Plot Mmax vs. N [51]]
    PlotMN --> End(( ))
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The flowchart illustrates the DIM Valuation Model (N) [36] process. It begins with a decision diamond 'Set Valuation Boundaries? [34]'. If 'YES', it proceeds to a parallelogram 'Set Boundaries N_i, N_f [35]' before entering the 'DIM Valuation Model (N) [36]' oval. If 'NO', it enters the model directly. The process then enters a 'For/Next DIM (N) [37]' loop, followed by 'Do Min/Max Valuation [38]', and then a parallelogram 'Valuation Data Array (N_i) [39]'. This array is linked to a cylinder 'Valuation Database [40]'. The data is then used in 'Valuation (N) X Financial (M) Optimization [41]'. This leads to a 'For (N_i) Constant Next M [52]' loop. A decision 'If N >= N_f Go To [51]' checks for the end of the N loop. If 'NO', it goes to 'If M >= M_f Then Next M=M_f [52']', which then loops back to the 'For (N_i) Constant Next M [52]' loop. If 'YES', it goes to 'Go To [43]'. The 'Go To [43]' label is also used as an exit from the 'Set Financial Boundaries? [44]' section. The 'Set Financial Boundaries? [44]' section, starting from connector '2 B', leads to a 'Set Financial Boundaries? [44]' decision. If 'Y', it goes to 'Set Boundaries M_i, M_f [45]' and then to the 'Valuation Data Array (N_i) [39]'. If 'N', it goes to the 'DIM Financial Model (M) [46]' oval, then to 'For/Next DIM (M) [47]', 'Do Min/Max Financial [48]', and 'Financial Data Array (M_i) [49]'. The 'Financial Data Array (M_i) [49]' is linked to a cylinder 'Financial Database [50]'. The 'For/Next DIM (M) [47]' loop leads to 'Do Min/Max Financial [48]', which then leads to the 'Financial Data Array (M_i) [49]'. The 'Financial Data Array (M_i) [49]' is linked to the 'Financial Database [50]'. The 'Financial Database [50]' is linked to the 'Valuation (N) X Financial (M) Optimization [41]' block. The 'Valuation (N) X Financial (M) Optimization [41]' block leads to the 'For (N_i) Constant Next M [52]' loop. The 'For (N_i) Constant Next M [52]' loop leads to the 'If N >= N_f Go To [51]' decision. 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FIG. C

